

Docket No. 243055US2/phh



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Nobuaki KUBO

SERIAL NO: 10/665,287

GAU: 2872

FILED: September 22, 2003

EXAMINER:

FOR: LIGHT SCANNING DEVICE, SCANNING LINE ADJUSTING METHOD, SCANNING LINE ADJUSTING CONTROL METHOD, IMAGE FORMING APPARATUS, AND IMAGE FORMING METHOD

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**


- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Marvin J. Spivak

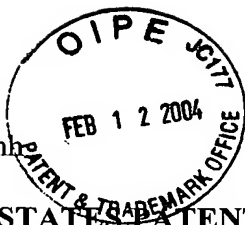
Registration No. 24,913

Joseph A. Scafetta, Jr.  
Registration No. 26, 803

Customer Number

**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)

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**STATEMENT OF RELEVANCY****Reference AO (JP 2002-131674) on Form PTO 1449:**

This reference discloses a scanning line curve adjustment structure of a light scanning device in which a supporting unit for a long lens is provided such that the long lens can be moved in the sub-scanning direction by an adjusting screw. This reference is discussed in the specification.

**Reference AP (JP 2001-133718) on Form PTO 1449:**

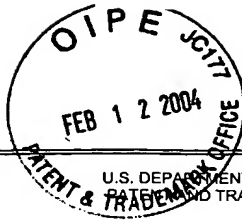
This reference discloses a scanning optical device in which the position of the entirety of respective optical elements is adjusted relative to the photoconductive body so as to conform the respective scanning lines to each other. This reference is discussed in the specification.

**Reference AQ (JP 2001-100127) on Form PTO 1449:**

This reference discloses a multi-beam control method in which the scanning beam position is controlled in the sub-scanning direction by using a galvanometer mirror. This reference is discussed in the specification.

**Reference AR (JP 10-239939) on Form PTO 1449:**

This reference discloses an optical scanning device in which a laser beam for first writing an image on a photoconductor body is switched, in accordance with the phase relation between a middle transfer reference signal and a line synchronization signal, out of a plurality of laser beams, so that an image writing start position for each color in the sub-scanning direction can be adjusted. This reference is discussed in the specification.

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT & TRADEMARK OFFICE

ATTY DOCKET NO.

243055US2

SERIAL NO.

10/665,287

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Nobuaki KUBO

FILING DATE

September 22, 2003

GROUP

2872

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	2002-131674	05/09/2002	JAPAN (with English Abstract)		X
	AP	2001-133718	05/18/2001	JAPAN (with English Abstract)		X
	AQ	2001-100127	04/13/2001	JAPAN (with English Abstract)		X
	AR	10-239939	09/11/1998	JAPAN (with English Abstract)		X
	AS					
	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

☐ Additional References sheet(s) attached

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.